

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S59	3	"4442507".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/23 17:21
S58	118	(antifuse or anti-fuse or antifusing or anti-fusing) same (schottky)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/23 17:21
S57	2	"6034882".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/23 16:34
S56	175	(memory or eprom or eeprom or prom) and (antifus\$4 or anti-fus\$4) near6 (silicon adj oxide or silicon adj dioxide or sio or si near o) and (diode or schottky or junction or pn or "p+" or "p-" or "n+" or "n-")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/23 16:22
S55	269	(memory or antifus\$4 or anti-fus\$4 or (insulator or dielectric or oxide) near3 (ruptur\$4 or breakdown)) near10 (silicon adj oxide or silicon adj dioxide or sio or si near o) and (junction or diode or pn) and (silicide or salicide) near6 (rail or electrode)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/23 15:41
S53	138	gate near3 silicide and (control near gate) near4 (polysilicon or silicon) near8 (doped or doping or n or p or impurity or dopant or boron or phosphorus)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/23 15:29
S52	268	(silicide or salicide or wsi or cosi or tasi or tisi or nisi) near5 (contacting or touching or "adjacent" or neighboring or overlying) near8 (oxide or sio or dioxide) near8 (silicon or si or polysilicon or polysi)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/23 15:10
S51	56	(silicide or salicide or suicide or cosi or wsi or nisi or tisi) same (antifus\$3 or fuse or fusible or rupture) near6 (sio or silicon adj oxide or silicon adj dioxide or oxynitride or sion or ono)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/23 14:59

## EAST Search History

S50	424	(memory or prom or eprom or eeprom or fpga) and (silicide or salicide or cosi or wsi or nisi) near6 (electrode) and (silicon or si or polysilicon or semiconductor) near4 (doped or doping or dopant or boron or phosphorus or n or p or impurities or diode) and (sio or oxide or dioxide) near3 (fuse or antifus\$4 or anti-fus\$4 or tunnel or breakdown or breakthrough or ruptur\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/23 14:35
L19	0	365/225.7. and (antifuse or anti-fuse) near6 diode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/24 10:23
L18	14	365/225.7.ccls. and schottky near diode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/24 10:23
L17	1116	365/225.7.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/24 10:22
L16	15	257/E27.103.ccls. and schottky near diode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/24 10:23
L15	2	257/E27.103.ccls. and (antifuse or anti-fuse) near4 diode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/24 10:23
L14	4300	257/E27.103.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/24 10:21

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L13	78	257/50,202,204,208,209,530.ccls. and (antifuse or anti-fuse) near4 diode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/24 10:21
L12	54	257/50,202,204,208,209,530.ccls. and silicide near6 (antifuse or anti-fuse)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/24 10:19
L11	182	257/50,202,204,208,209,530.ccls. and silicide and diode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/24 10:14
L10	565	257/50,202,204,208,209,530.ccls. and silicide	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/24 10:01
L9	677	257/530.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/24 10:01
L8	418	257/209.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/24 10:00
L7	1019	257/208.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/24 09:29
L4	538	257/204.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/24 09:29

## EAST Search History

L2	261	257/50.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/24 09:00
L1	31	(antifuse or anti-fuse) near10 schottky near diode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/24 08:46

# Interference Search

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L20	13	((antifuse or anti-fuse) and schottky).clm.	US-PGPUB	OR	ON	2006/03/24 10:27
L21	97	((antifuse or anti-fuse) and diode).clm.	US-PGPUB	OR	ON	2006/03/24 10:27
L22	51	((antifuse or anti-fuse) near10 diode).clm.	US-PGPUB	OR	ON	2006/03/24 10:29
L23	8	((antifuse or anti-fuse) near10 silicide).clm.	US-PGPUB	OR	ON	2006/03/24 10:29
L24	0	((otp or one near time near programmable or worm or write near once near read near many) and schottky).clm.	US-PGPUB	OR	ON	2006/03/24 10:30
L25	14	((anti-fuse or antifuse or fuse or ruptur\$4) and (schottky) near (diode or junction)).clm.	US-PGPUB	OR	ON	2006/03/24 10:31
L26	7	((anti-fuse or antifuse or fuse or ruptur\$4) and (schottky) near (diode or junction) and (silicon near oxide or silicon near dioxide or sio) and (silicide or cosi or wsi or nisi or tasi or salacide or salicide)).clm.	US-PGPUB	OR	ON	2006/03/24 10:32